

116 H. CLAIMS

117 I claim:

- 118 1. A travel case for transporting insulin comprising:
- 119 an outer bottle, the outer bottle having a bottom and a side wall, the outer bottle having an
- 120 open top;
- 121 an outer bottle cap, the outer bottle cap being adapted to close and temporarily seal the top of
- 122 the outer bottle so as to make the outer bottle water tight;
- 123 an inner bottle, the inner bottle removably contained within the outer bottle, the inner bottle
- 124 comprising a bottom and a side wall, the inner bottle having an open top;
- 125 an inner bottle cap, the inner bottle cap being adapted to close and temporarily seal the top of
- 126 the inner bottle so as to make the inner bottle water tight;
- 127 an inner cup, the inner cup contained within the outer bottle, the inner cup comprising a
- 128 bottom and a side wall, the inner cup having an open top, the inner cup being adapted to
- 129 receive the inner bottle;
- 130 fins, the fins being attached to and protruding radially from the side wall of the inner cup;
- 131 a means to insulate the outer bottle.
- 132 2. A travel case for transporting insulin comprising:
- 133 an outer bottle, the outer bottle having a bottom and a side wall, the outer bottle having an
- 134 open top, the bottom and side wall of the outer bottle being constructed of two layers with a
- 135 gap between the layers;
- 136 an outer bottle cap, the outer bottle cap being adapted to close and temporarily seal the top of
- 137 the outer bottle so as to make the outer bottle water tight;
- 138 an inner bottle, the inner bottle removably contained within the outer bottle, the inner bottle
- 139 comprising a bottom and a side wall, the inner bottle having an open top;

140 an inner bottle cap, the inner bottle cap being adapted to close and temporarily seal the top of
141 the inner bottle so as to make the inner bottle water tight;
142 an inner cup, the inner cup contained within the outer bottle, the inner cup comprising a
143 bottom and a side wall, the inner cup having an open top, the inner cup being adapted to
144 receive the inner bottle;
145 fins, the fins being attached to and protruding radially from the side wall of the inner cup.

146 3. A travel case for transporting insulin comprising:

147 an outer bottle, the outer bottle having a bottom and a side wall, the outer bottle having an
148 open top;
149 an outer bottle cap, the outer bottle cap being adapted to close and temporarily seal the top of
150 the outer bottle so as to make the outer bottle water tight;
151 an inner bottle, the inner bottle removably contained within the outer bottle, the inner bottle
152 comprising a bottom and a side wall, the inner bottle having an open top;
153 an inner bottle cap, the inner bottle cap being adapted to close and temporarily seal the top of
154 the inner bottle so as to make the inner bottle water tight;
155 an inner cup, the inner cup contained within the outer bottle, the inner cup comprising a
156 bottom and a side wall, the inner cup having an open top, the inner cup being adapted to
157 receive the inner bottle;
158 fins, the fins being attached to and protruding inwardly in a radial pattern from the side wall
159 of the outer bottle;
160 a means to insulate the outer bottle.

161 4. A travel case for transporting insulin comprising:

162 an outer bottle, the outer bottle having a bottom and a side wall, the outer bottle having an
163 open top, the bottom and side wall of the outer bottle being constructed of two layers with a
164 gap between the layers;

165 an outer bottle cap, the outer bottle cap being adapted to close and temporarily seal the top of
166 the outer bottle so as to make the outer bottle water tight;
167 an inner bottle, the inner bottle removably contained within the outer bottle, the inner bottle
168 comprising a bottom and a side wall, the inner bottle having an open top;
169 an inner bottle cap, the inner bottle cap being adapted to close and temporarily seal the top of
170 the inner bottle so as to make the inner bottle water tight;
171 an inner cup, the inner cup contained within the outer bottle, the inner cup comprising a
172 bottom and a side wall, the inner cup having an open top, the inner cup being adapted to
173 receive the inner bottle;
174 fins, the fins being attached to and protruding inwardly in a radial pattern from the side wall
175 of the outer bottle.

176 5. A device as in claims 1 or 3 wherein the means to insulate the outer bottle comprises a soft-
177 sided cooler.

178 6. A device as in claims 1 or 3 wherein the means to insulate the outer bottle comprises a hard-
179 sided cooler.

180 7. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
181 wall of the outer bottle is filled with a gas.

182 8. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
183 wall of the outer bottle is a vacuum.

184 9. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
185 wall of the outer bottle is filled with polymeric foam.

186 10. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
187 wall of the outer bottle is filled with gelatinous material.

188 11. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
189 wall of the outer bottle is filled with liquid.

190 12. A device as in claims 2 or 4 wherein the gap between the layers of the bottom and the side
191 wall of the outer bottle is filled with fibrous material.